

In the Claims

Please cancel claim 2 and amend claims 1, 3, 4 e 11-13 as follows:

Marked-Up Version of Amended Claims 1, 3, 4 e 11-13

1. (Amended) A fuel[, particularly for Diesel engines,] in microemulsion form, comprising a liquid fuel, an emulsifier and an emulsive agent, said emulsive agent having an HLB value higher than 9, wherein the liquid fuel comprises a bio-vegetable fluid selected from the group consisting of biodiesel, rapeseed oil and and sunflower oil.

3. (Amended) The fuel according to claim 1 or 2, wherein said emulsifier is sorbitan [monoleate] monooleate.

4. (Amended) The fuel according to one of the preceding claims, wherein said emulsive agent is [chosen from the group constituted by] selected from the group consisting of nonylphenol ethoxylate, C₁₂-C₁₃ alcohol ethoxylate, and C₁₆-C₁₈ cetyl stearyl alcohol.

11. (Amended) A method for preparing a fuel[, particularly for Diesel engines,] in microemulsion form, comprising [the] mixing [of] a liquid fuel[, particularly a liquid fuel for Diesel engines], an emulsifier and an emulsive agent, said emulsive agent having an HLB value of more than 9, in a system provided with multiple reverse-flow coaxial turbines.

12. (Amended) A fuel[, particularly for Diesel engines,] in microemulsion form, [obtainable with the method according to claim 9] obtained by mixing of a

liquid fuel, an emulsifier and an emulsive agent, said emulsive agent having an HLB value of more than 9, in a system provided with multiple reverse-flow coaxial turbines.

13. (Amended) The fuel according to one of claim 1, [capable of not dissociating] which does not dissociate in its components even when subjected to centrifugation up to values of more than 35,000 m/s².

Clean Version of Claims 1, 3, 4 e 11-13

Q Sub C1
1. A fuel in microemulsion form, comprising a liquid fuel, an emulsifier and an emulsive agent, said emulsive agent having an HLB value higher than 9, wherein the liquid fuel comprises a bio-vegetable fluid selected from the group consisting of biodiesel, rapeseed oil and and sunflower oil.

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3. The fuel according to claim 1 or 2, wherein said emulsifier is sorbitan monooleate.

4. The fuel according to one of the preceding claims, wherein said emulsive agent is selected from the group consisting of nonylphenol ethoxylate, C₁₂-C₁₃ alcohol ethoxylate, and C₁₆-C₁₈ ~~can~~ stearyl alcohol.

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11. A method for preparing a fuel in microemulsion form, comprising mixing a liquid fuel, an emulsifier and an emulsive agent, said emulsive agent having an HLB value of more than 9, in a system provided with multiple reverse-flow coaxial turbines.

Sub C2
12. A fuel in microemulsion form, obtained by mixing of a liquid fuel, an emulsifier and an emulsive agent, said emulsive agent having an HLB value of more than 9, in a system provided with multiple reverse-flow coaxial turbines.

Sub C3
13. The fuel according to one of claim 1, which does not dissociate in its components even when subjected to centrifugation up to values of more than 35,000 m/s².

Please add the following new claims 14-17.

14. A method for preparing a fuel in microemulsion form comprising the steps of premixing a liquid fuel, an emulsifier and an emulsive agent having a HLB value higher than 9 to obtain a premixed fluid, followed by the passage of the premixed fluid through a succession of steps of flow at first velocities alternated with steps of flow at second velocities, the first velocities being higher than the second velocities, the steps of flow at higher velocities being provided at velocity values which gradually increase from a first step of flow at higher velocity to a last step of flow at higher velocity.

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15. The method according to claim 14, wherein the liquid fuel comprises a bio-vegetable fluid selected from the group consisting of biodiesel, rapeseed oil and sunflower oil .

16. A fuel in stable microemulsion form obtained by premixing a liquid fuel, an emulsifier and an emulsive agent having a HLB value higher than 9 to obtain a premixed fluid, followed by the passage of the premixed fluid through a succession of steps of flow at first velocities alternated with steps of flow at second velocities, the first velocities being higher than the second velocities, the steps of flow at higher velocities being provided at velocity values which gradually increase from a first step of flow at higher velocity to a last step of flow at higher velocity.

17. The fuel according to claim 16, wherein the liquid fuel comprises a bio-vegetable fluid selected from the group consisting of biodiesel, rapeseed oil and sunflower oil .